



10 30 50  
CGCCCAGCCGCGCCTCCAAGCCCCCTGAGGTTTCCGGGGACCACAATGAACAAGTTGCTG  
M N K L L  
70 90 110  
TGCTGCGCGCTCGTGTTTCTGGACATCTCCATTAAGTGGACCACCCAGGAAACGTTTCCT  
C C A L V F L D I S I K W T T Q E T F P  
130 150 170  
CCAAAGTACCTTCATTATGACGAAGAAACCTCTCATCAGCTGTTGTGTGACAAATGTCCT  
P K Y L H Y D E E T S H Q L L C D K C P  
190 210 230  
CCTGGTACCTACCTAAAACAACACTGTACAGCAAAGTGAAGACCGTGTGCGCCCCCTTGC  
P G T Y L K Q H C T A K W K T V C A P C  
250 270 290  
CCTGACCACTACTACACAGACAGCTGGCACACCAGTGACGAGTGTCTATACTGCAGCCCC  
P D H Y Y T D S W H T S D E C L Y C S P  
310 330 350  
GTGTGCAAGGAGCTGCAGTACGTCAAGCAGGAGTGCAATCGCACCCACAACCGCGTGTGC  
V C K E L Q Y V K Q E C N R T H N R V C  
370 390 410  
GAATGCAAGGAAGGGCGCTACCTTGAGATAGAGTTCTGCTTGAAACATAGGAGCTGCCCT  
E C K E G R Y L E I E F C L K H R S C P  
430 450 470  
CCTGGATTTGGAGTGGTGCAAGCTGGAACCCAGAGCGAAATACAGTTTGCAAAAGATGT  
P G F G V V Q A G T P E R N T V C K R C  
490 510 530  
CCAGATGGGTTCTTCTCAAATGAGACGTCATCTAAAGCACCCCTGTAGAAAACACACAAAT  
P D G F F S N E T S S K A P C R K H T N  
550 570 590  
TGCAGTGTCTTTGGTCTCCTGCTAACTCAGAAAGGAAATGCAACACACGACAACATATGT  
C S V F G L L L T Q K G N A T H D N I C  
610 630 650  
TCCGGAAACAGTGAATCAACTCAAAAATGTGGAATAGATGTTACCCTGTGTGAGGAGGCA  
S G N S E S T Q K C G I D V T L C E E A  
670 690 710  
TTCTTCAGGTTTGTGTTCTTACAAAGTTTACGCCTAACTGGCTTAGTGTCTTGGTAGAC  
F F R F A V P T K F T P N W L S V L V D  
730 750 770  
AATTTGCCTGGCACCAAAGTAAACGCAGAGAGTGTAGAGAGGATAAAACGGCAACACAGC  
N L P G T K V N A E S V E R I K R Q H S  
790 810 830  
TCACAAGAACAGACTTTCCAGCTGCTGAAGTTATGGAAACATCAAAACAAAGACCAAGAT  
S Q E Q T F Q L L K L W K H Q N K D Q D  
850 870 890  
ATAGTCAAGAAGATCATCCAAGATATTGACCTCTGTGAAAACAGCGTGCAGCGGCACATT  
I V K K I I Q D I D L C E N S V Q R H I  
910 930 950  
GGACATGCTAACCTCACCTTCGAGCAGCTTCGTAGCTTGATGGAAAGCTTACCGGGAAAG  
G H A N L T F E Q L R S L M E S L P G K  
970 990 1010  
AAAGTGGGAGCAGAAGACATTGAAAAACAATAAAGGCATGCAAACCCAGTGACCAGATC  
K V G A E D I E K T I K A C K P S D Q I  
1030 1050 1070  
CTGAAGCTGCTCAGTTTGTGGCGAATAAAAAATGGCGACCAAGACACCTTGAAGGGCCTA  
L K L L S L W R I K N G D Q D T L K G L  
1090 1110 1130  
ATGCACGCACTAAAGCACTCAAAGACGTACCCTTTCCCAAACTGTCACTCAGAGTCTA

FIGURE 1(A)



M H A L K H S K T Y H F P K T V T Q S L  
1150 1170 1190  
AAGAAGACCATCAGGTTCTTCACAGCTTCACAATGTACAAATTGTATCAGAAGTTATTT  
K K T I R F L H S F T M Y K L Y Q K L F  
1210 1230 1250  
TTAGAAATGATAGGTAACCAGGTCCAATCAGTAAAAATAAGCTGCTTATAACTGGAAATG  
L E M I G N Q V Q S V K I S C L \*  
1270 1290 1310  
GCCATTGAGCTGTTTCCTCACAATTGGCGAGATCCCATGGATGAGTAAACTGTTTCTCAG  
1330 1350 1370  
GCACTTGAGGCTTTCAGTGATATCTTTCTCATTACCAGTGACTAATTTTGCCACAGGGTA  
1390 1410 1430  
CTAAAAGAACTATGATGTGGAGAAAGGACTAACATCTCCTCCAATAAACCCCAAATGGT  
1450 1470 1490  
TAATCCAACGTGTCAGATCTGGATCGTTATCTACTGACTATATTTTCCCTTATTACTGCTT  
1510  
GCAGTAATTCAACTGGAAAAAAAAAAAA

FIGURE 1(B)

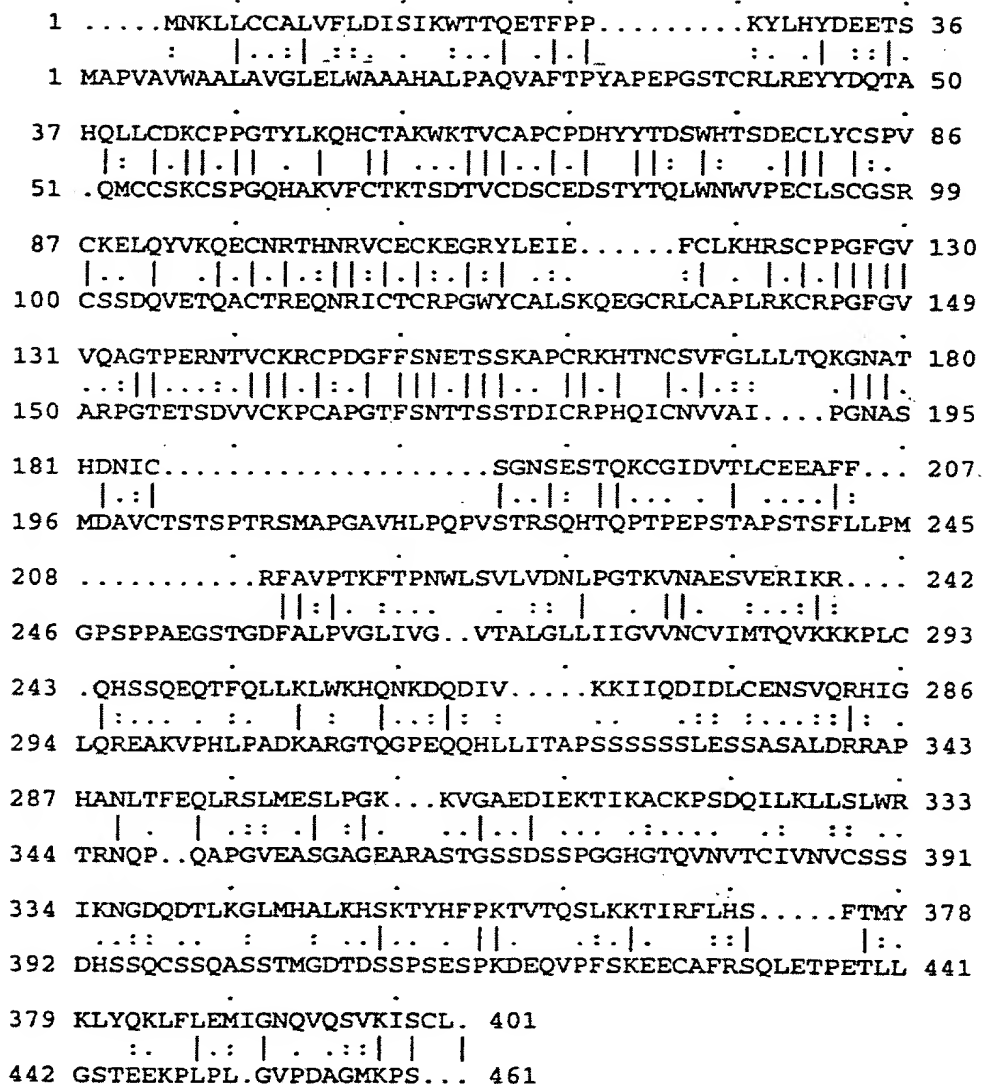


FIGURE 2